Fig. 1

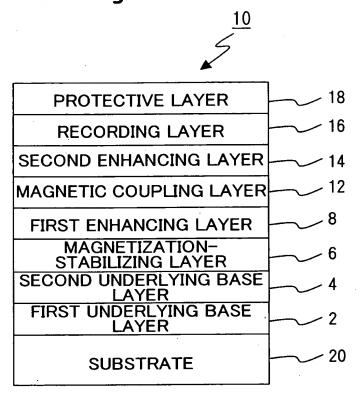


Fig. 2

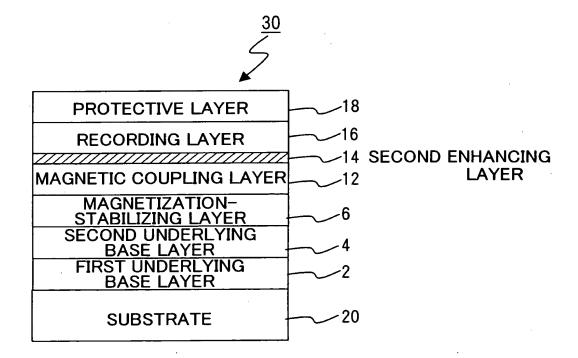


Fig. 3



PROTECTIVE LAYER	18
RECORDING LAYER	16
MAGNETIC COUPLING LAYER	12
FIRST ENHANCING LAYER	8
MAGNETIZATION- STABILIZING LAYER	6
SECOND UNDERLYING BASE LAYER	4
FIRST UNDERLYING BASE LAYER	2
SUBSTRATE	20

Fig. 4

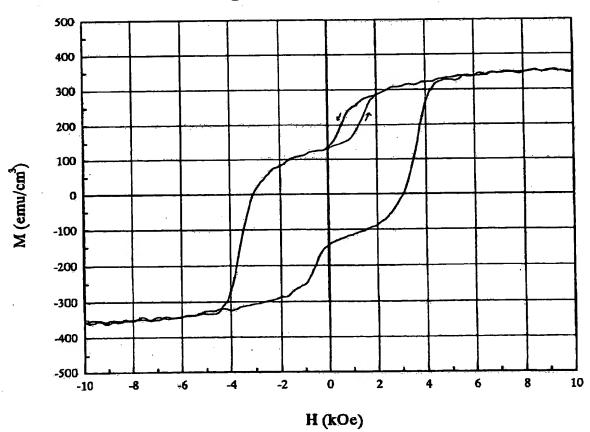


Fig. 5A

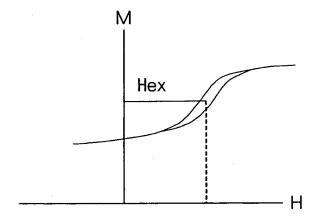


Fig. 5B

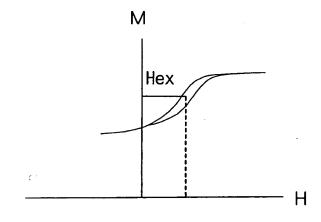


Fig. 6

PROTECTIVE LAYER	2 18
RECORDING LAYER	2_16
MAGNETIC COUPLING LAYER	12
LATTICE SPACING- ADJUSTING LAYER	2 66
SECOND UNDERLYING BASE LAYER	2 4
FIRST UNDERLYING BASE LAYER	2 2
SUBSTRATE	2 20
<u></u>	J

Fig. 7

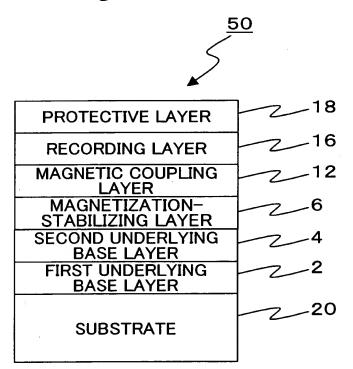


Fig. 8

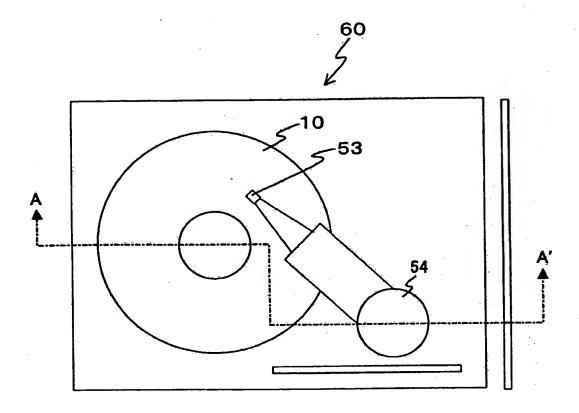


Fig. 9

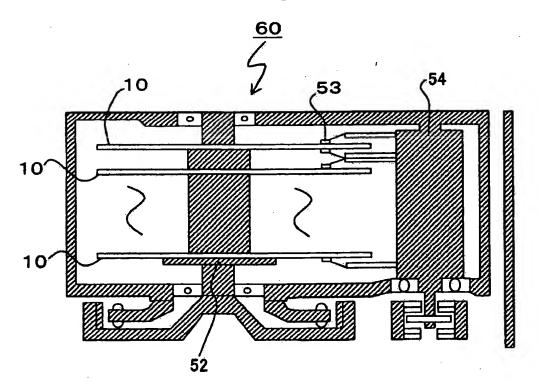


Fig. 10



PROTECTIVE LAYER	18
RECORDING LAYER	16
MAGNETIC COUPLING LAYER	12
FERROMAGNETIC ATOM-RICH LAYER	78
SECOND UNDERLYING BASE LAYER	24
FIRST UNDERLYING BASE LAYER	2
SUBSTRATE	20

Fig. 11

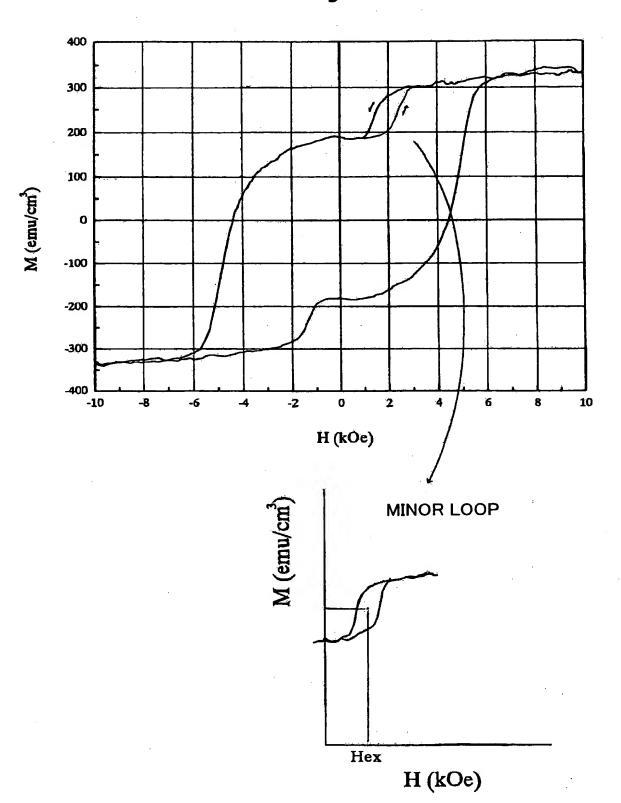


Fig. 12

PROTECTIVE LAYER	18
RECORDING LAYER	16
ENHANCING LAYER	79
MAGNETIC COUPLING LAYER	12
FERROMAGNETIC ATOM-RICH LAYER	78
SECOND UNDERLYING BASE LAYER	2_3
FIRST UNDERLYING BASE LAYER	22
SUBSTRATE	2 20
OODOTTOTIE	

Fig. 13

PROTECTIVE LAYER	<u> </u>
RECORDING LAYER	16
ENHANCING LAYER	79
MAGNETIC COUPLING LAYER	12
FERROMAGNETIC ATOM-RICH LAYER	78
SECOND MAGNETIC COUPLING LAYER	82
MAGNETIZATION- STABILIZING LAYER	2 86
SECOND UNDERLYING BASE LAYER	23
FIRST UNDERLYING BASE LAYER	2_2
SUBSTRATE	20

Fig. 14

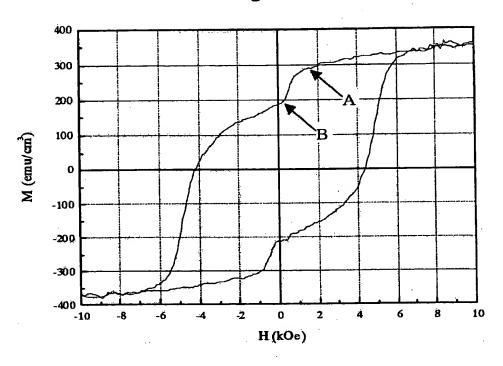
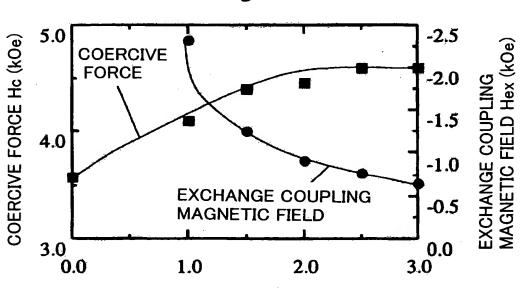


Fig. 15



FILM THICKNESS OF LATTICE SPACING-ADJUSTING LAYER of CoPt (nm)

Fig. 16

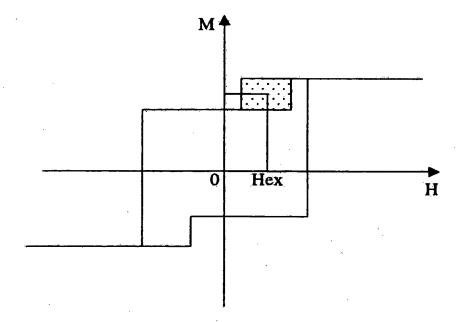


Fig. 17A

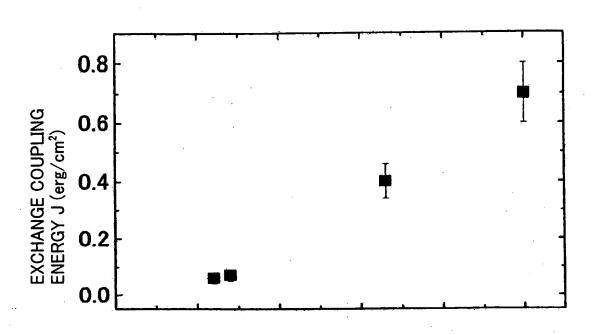
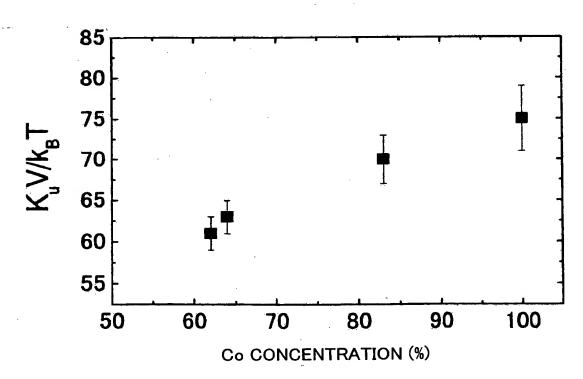


Fig. 17B





PROTECTIVE LAYER
MAGNETIC RECORDING LAYER
MAGNETIC COUPLING LAYER (Ru)
MAGNETIZATION-
STABILIZING LAYER
UNDERLYING BASE LAYER
SUBSTRATE